

REMARKS

In accordance with the foregoing, claims 1-4 and 6-7 have been amended. Claims 5 and 8 have been cancelled. Therefore, after entry of the foregoing claim amendments, claims 1-4 and 6-7 will remain pending and under examination. No new matter is being presented, and approval of the amended claims is respectfully requested.

Rejections under 35 U.S.C. §102(a)

Claims 1, 2, 4, 5, 6 and 7 stand rejected as being anticipated by Suzuki et al. (J.P. 2002-101059) (hereinafter “Suzuki”). The rejections are respectfully traversed and reconsideration is requested. Claim 5 has been cancelled herein; however various features thereof are incorporated into independent claim 1. The following is a comparison between embodiments of the present invention and the cited art.

The portable telephone according to claim 1 comprises a portable telephone main body and a broadcast receiver unit removably attached to the portable telephone main body. The portable telephone main body comprises a speaker, a display, a receiving unit for receiving an audio signal and/or a visible information signal from a telephone network, an audio signal processing unit for applying a signal processing to the audio signal received by the receiving unit for output to the speaker, and a video signal processing unit for applying a signal processing to the visible information signal received by the receiving unit for output to the display.

The portable telephone main body comprises a first interface unit connected to the audio signal processing unit and the video signal processing unit for connecting thereto the broadcast receiver unit. The broadcast receiver unit comprises a second interface unit connected to the first interface unit of the portable telephone main body, and a signal feeding unit for feeding an audio signal and a video signal included in a received television broadcast signal to the second interface unit, and the audio signal processing unit of the portable telephone main body applies a signal processing to the audio signal fed thereto from the broadcast receiver unit via the first interface unit for output to the speaker, while the video signal processing unit applies a signal processing to the

video signal fed thereto from the broadcast receiver unit via the first interface unit for output to the display with the broadcast receiver unit attached to the portable telephone main body.

According to an embodiment, in the portable telephone main body of the above described portable telephone, the audio signal (*e.g.*, a received talk signal) received by the receiving unit can be fed to the audio signal processing unit and is subjected to signal processing by the audio signal processing unit, and thereafter, can be fed to the speaker, resulting in outputted voice sound, for example, from the speaker. Also, the visible information signal (*e.g.*, a mail signal) received by the receiving unit can be fed to the video signal processing unit and can be subjected to signal processing by the video signal processing unit, and thereafter, can be fed to the display, resulting in displayed received mail contents, for example on the display.

When the above described portable telephone is used as a broadcast receiver apparatus, the broadcast receiver unit can be attached to the portable telephone main body. Thereby, the first interface unit of the portable telephone main body and the second interface unit of the broadcast receiver unit can be connected to each other, and an audio signal and a video signal included in a television broadcast signal received at the broadcast receiver unit can be fed to the audio signal processing unit and the video signal processing unit, respectively, via the signal feeding unit and the second interface unit of the broadcast receiver unit, and the first interface unit of the portable telephone main body. The audio signal fed to the audio signal processing unit can be subjected to signal processing by the audio signal processing unit and thereafter fed to the speaker, while the video signal fed to the video signal processing unit can be subjected to signal processing by the video signal processing unit and thereafter fed to the display. As a result, audio of a television broadcast program can be outputted from the speaker, while the video of the program can be displayed on the display.

According to the portable telephone according to claim 1, the audio signal processing unit and the video signal processing unit of the portable telephone main body can be used also as a signal processing unit for an audio signal and a signal processing unit for a video signal included in a television broadcast signal, and therefore, it is not necessary to provide an audio signal processing

unit and a video signal processing unit in the broadcast receiver unit. It is thereby possible to realize a portable telephone having a broadcast receiving function that is small-sized, light-weighted, and low power-consuming.

In contrast, in the mobile telephone function extension system of Suzuki, a voice part of an electric wave received at a data broadcast receiver unit is detected by a tuner part, and then outputted as voice from an earphone terminal of the data broadcast receiver unit (see paragraph [0015]). However, as noted above, in the portable telephone according to claim 1 of the present application, an audio signal included in a television broadcast signal received at the broadcast receiver unit is fed to the portable telephone main body, subjected to signal processing by the audio signal processing unit of the portable telephone main body, and thereafter, outputted to the speaker. The audio signal processing unit performs the operation of applying the signal processing to the audio signal from the telephone network for output to the speaker, and the operation of applying signal processing to the audio signal included in a television broadcast signal fed from the broadcast receiver unit for output to the speaker.

In the mobile telephone function extension system of Suzuki, the voice part of the electric wave received at the data broadcast receiver unit is not fed to the portable telephone, and therefore, this mobile telephone function extension system does not include the audio signal processing unit, as recited in amended claim 1 of the present application.

Also, in the mobile telephone function extension system of Suzuki, the data received at the data broadcast receiver unit is subjected to signal processing in this unit, and thereafter, fed to the portable telephone, and then subjected to the signal processing by a data processing part and a display control part to be fed to a display part, resulting in displaying broadcast information on the display part (see paragraphs [0015] to [0018]). Suzuki does not disclose that the data processing part of the portable telephone applies the signal processing to a visible information signal from a telephone network for output to the display part. Furthermore, the data processing part applies the signal processing to the data included in the data broadcast signal, and does not apply the signal processing to a video signal included in the television broadcast signal. Therefore, the mobile

telephone function extension system of Suzuki does not include the video signal processing unit, as recited in amended claim 1 of the present application.

Therefore, it is respectfully submitted that independent claim 1 patentably distinguishes over the cited art. Further, dependent claims 2, 4 and 6-7 inherit the patentability of independent claim 1 and are submitted to be allowable for at least the foregoing reasons.

Rejections under 35 U.S.C. §103(a)

Claims 3 and 8 stand rejected as being unpatentable over Suzuki in view of either Kawata et al. (U.S. 2003/0181226) or Umezawa et al. (U.S. Patent No. 5,491,507). Claim 3 depends from independent claim 1 and patentably distinguishes over Suzuki for at least the reasons presented above. It is further submitted that Kawata et al. fails to cure the deficiencies of Suzuki, and is not cited as doing such. Dependent claim 8 is cancelled herein and, thus, the rejection thereof is considered moot.

In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to withdraw the outstanding rejection of the claims and to pass this application to issue. If it is determined that a telephone conference would expedite the prosecution of this application, the Examiner is invited to telephone the undersigned at the number given below.

In the event the U.S. Patent and Trademark office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing docket no. 278542009300. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

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Respectfully submitted,

Electronic signature: /Michael Stanley/
Michael Stanley

Registration No.: 58,523
MORRISON & FOERSTER LLP
12531 High Bluff Drive, Suite 100
San Diego, California 92130-2040
(858) 314-7795